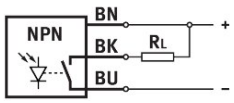
Diffuse scan
SOEG-RTH-M18-NS-K-2L

Part number: 537705





Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Measured variable	Position
Measuring principle	Optoelectronic
Method of measurement	Diffuse sensor with background suppression
Type of light	Red
Working range	10 mm...120 mm
Ambient temperature	-25 °C...55 °C
Switching output	NPN
Switching element function	Light switching
Max. switching frequency	500 Hz
Max. output current	200 mA
Voltage drop	2 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V...36 V
Residual ripple	20%
Idle current	25 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire Cable
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Size	M18x1
Type of mounting	With locknut
Tightening torque	20 Nm
Product weight	121 g
Housing material	Brass

Feature	Value
	Chrome-plated
Material of union nut	Brass Chrome-plated
Switching status indication	Yellow LED
Function reserve indication	Green LED
Setting options	Potentiometer
Setting range, lower limit	10 mm
Setting range, upper limit	120 mm
Ambient temperature with flexible cable installation	-5 °C...55 °C
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L